

CERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8)

Applicant(s): Yasushi AKIYAMA et al.

Docket No.

2002JP311

Serial No.

10/519,242

Filing Date

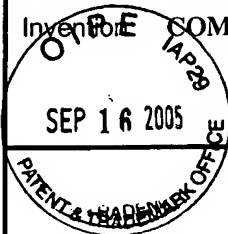
December 22, 2004

Examiner

WU, Ives J.

Group Art Unit

1713

Inventor: **COMPOSITION FOR ANTIREFLECTIVE COATING AND METHOD FOR FORMING SAME**I hereby certify that this English Language abstract of JP 06-118630 - 2 Pages

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PATENT ABSTRACTS OF JAPAN

(11)Publication number : 06-118630

(43)Date of publication of application : 28.04.1994

(51)Int.Cl. G03F 7/004

G03F 7/004

G03F 7/032

G03F 7/038

G03F 7/039

H01L 21/027

(21)Application number : 04-290961 (71)Applicant : TOKYO OHKA KOGYO CO LTD

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(54) COATING LIQUID COMPOSITION FOR CHEMICALLY AMPLIFIED RESIST

(57)Abstract:

PURPOSE: To prevent multiple interference in a resist film in lithographic processing by coating the chemically amplified resist film with the composition containing a water-soluble film-forming component and a proton generating substance to form a film on the surface.

CONSTITUTION: The water-soluble film-forming component can be embodied by a water-soluble polymer, such as hydroxypropylmethyl cellulose phthalate and a vinyl polymer like polyvinylpyrrolidone. Water-soluble polymers having no hydroxyl groups in the molecule, such as polyacrylate and polyvinylpyrrolidone, are preferable. As the proton generating substance, inorganic acid, such as hydrochloric acid and nitric acid, and organic acids, such as trifluoroacetic acid, are preferable. The water-soluble film-forming component and the proton generating substance are contained in an amount of 0.5-10weight%, and 0.01-1.0weight%, respectively.

LEGAL STATUS [Date of request for examination] 12.08.1999

[Date of sending the examiner's decision of rejection] 13.02.2002

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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